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ABSTRACT

The activities in this collection are designed to help teachers bring the worlds of science and art into the classroom. Each activity is both a hands-on science investigation and an art experience. As students create satisfying art projects, they utilize science skills such as observing, predicting, investigating, and communicating. The projects also reflect the National Science Education Standards. Each project begins with a section called "Science Talk" in which background information explains scientific concepts and processes. This is followed by a materials list, step-by-step directions suggesting grouping for various activities, critical thinking questions, and recording opportunities; management tips; suggested fiction and nonfiction books connected to the topic; and variations and extensions. Activities are divided into the following sections: (1) "Plants and Seeds"; (2) "Animal Adaptations"; (3) "Sky Watch"; (4) "Changes"; (5) "Light, Color and Shadow"; (6) "Exploring Energy"; (7) "Forces and Movement"; and (8) "The Way Liquids Work." Reproducible science journal pages accompanying many activities emphasize science process skills and help students organize data. Sample projects include painting with plants, edible model insects, constellation viewers, color-changing paper chameleons that use an acid and base indicator to change color, pointillist paintings, warm air whirlers, and balancing clowns. (PVD)

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